Department
of
Defense

DoD Transportation Electronic Data Interchange (EDI) Convention

ASC X12 Transaction Set 210
Motor Carrier Invoice
(Version 003050)

July 1997

CONTENTS

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1.0 INTRODUCTION

This implementation convention (IC) describes the standard or convention the Department of Defense (DoD) will use receive a transportation in voice using ASC X12.104 Transaction Set 210 Motor Carrier Invoice (003050). This convention supports Defense Transportation's EDI payment program.

To obtain information about the use of this implementation convention, contact the:
Defense Finance and Accounting Service - Indianapolis Center
Directorate of Transportation Payments
8899 E. 56th Street
Indianapolis, In 46246-0601

For further information about the Defense transportation EDI program, contact the:

United States Transportation Command
J4-LT
508 Scott Drive Scott
Air Force Base, IL   6225-7001

To obtain DoD conventions or ASC X12 guidance or to recommend DoD conventions or ASC X12 maintenance, contact the:

Defense Logistics Management Standards Office
Attn: DLMSO (Room 1655), HQ DLA
8725 John J Kingman Rd., Suite 2533
Ft. Belvoir, VA 22060-6221

Who Needs to Use This Document

Computer programmers use this document to identify the data requirement for populating an EDI transaction.

Why Use a Convention

Trading partners can populate EDI transaction sets in several ways. A convention defines the rules for filling in or "populating" an EDI transaction. Following a convention ensures that trading partners will encounter fewer data quality problems during development and maintenance of EDI systems.

Contents

Additional sections are included in this document.

- Section 2.0, Control Segments, identifies the specific data requirements for formatting the EDI interchange control segments that envelop all EDI transactions.

- Section 3.0, Transaction Set Profile, lists the layout of the target transaction set by segment and data element. Identified along side each transaction set data element is the IC Element Matrix index number from Appendix A.

- Section 4.0, IC Element Matrix, identifies the application data elements trading partners need to exchange. This section can be used to map an existing application database into the transaction set.

- Other Sections contain examples of hard copy documents, examples of EDI transaction sets, segment looping logic tables, and other items that serve as references for software developers.

2.0 Control Segments

Overview

This chapter describes the EDI control segments (interchange control and functional group segments). The control segment information was derived from the ASC X12 Standards Draft Version 3 Release 5 (003050).

Purpose

This chapter identifies the specific data requirements for formatting the EDI control segments when transmitting and receiving EDI transactions. The format and data content of the control segments are usually managed by EDI translation software. The data requirements described herein should be used to set control segment formats when installing or initializing translation software for transmission and reception of EDI transactions.

Contents

One item is included in this chapter.

- Interchange Control Segment Hierarchy, identifies the control segments in their order of occurrence in an EDI communications interchange.

- This is followed by DoD Convention ASC X12 Control Segments, which presents a detailed description of the DoD's data conventions for formatting EDI standard control segments. Each of the control segments are described by their discrete data elements.

Special Instructions

Any unique eight-bit (byte) character could serve as data element separator, segment terminator, or subelement separator, provided each character is disjoint from all data elements within an interchange and that these do not conflict with telecommunications protocols necessary to the transmission of the interchange. The following recommended values conform with information published in Electronic Data Interchange, X12 Standards, Interchange Control Structures, Section 4.3 Delimiter Specifications.

DATA ELEMENT SEPARATOR

While the data element separator may be graphically displayed as an asterisk (*) or a tilde (~) in ASC X12 documentation, it is the value employed in the fourth byte of an interchange envelope that actually assigns the separator that the translators will use throughout an interchange.

ASC X12 recommends the ASCII character with hexadecimal value "1D" for use as the data element separator (gs).

SEGMENT TERMINATOR

Likewise, the control envelope establishes the byte value used for segment termination within an interchange. ASC X12 documentation usually portrays this as a new line (n/l) character, but the actual segment terminator for an interchange will be the byte value occurring immediately following the ISA16 segment.

ASC X12 recommends the ASCII character with hexadecimal value "1C" for use as the segment (fs) terminator.

SUBELEMENT SEPARATOR

The ISA segment provides a discrete element (ISA16) for defining the subelement separator within an interchange. Although designated as reserved for future expansion in Version 3, Release 7, a value in ISA16 is required.

ASC X12 recommends the ASCII character with hexadecimal value "1F" for use as the subelement separation (us) character.

GS01 CODE VALUE

Use code value IM - Motor Carrier Freight Details and Invoice (210) in the element GS01 of the control envelope for transmitting this transaction.

ELECTRONIC PUBLICATION

To retrieve the complete 003050 version/release control segments contact:
Defense Information Standards Agency (DISA)
Center for Standards
http://www.itsi.disa.mil/

3.0 Standard Implementation Convention

This section presents the DoD's convention for interpreting the Motor Carrier Invoice using the ASC X12.104 Transaction Set 210 Motor Carrier Invoice (Version 003050).

ELECTRONIC PUBLICATION

File 210D3050.PDF contains the DoD X12.104 Transaction Set 210 Motor Carrier Invoice (Version 003050) implementation convention. For the DoD implementation convention including DTEDI developer notes, see file 210A3050.PDF.

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Section 4.0

IC ELEMENT MATRIX

OVERVIEW

In order to implement an EDI transaction set, trading partners need to identify the application data elements they plan to exchange, identify where they plan to carry the data within the structure of the EDI transaction (a task commonly called mapping), identify any additional X12 data such as qualifier codes, and publish that information in an implementation convention (IC). This section lists that information in an IC Element Matrix.

PURPOSE

Using the IC element matrix will expedite mapping of an application database into a commercial EDI translation package. The Application Notes section below describes the application specific to this IC element matrix.

HOW TO READ THE IC ELEMENT MATRIX

To read the matrix, trading partner needs to understand matrix record types, two categories of matrix information, the matrix layout, and the sort order of the matrix. They also need a basic understanding of ASC X12 standard structures and syntax.

Record Types

The IC element matrix contains two types of records: segment header records and element records.

• Segment header records begin the description of a discrete occurrence of an X12 segment. The element records (described below) that follow a segment header record cannot be co-mingled with elements from other segments.

• Element records identify an individual data element that occurs within a segment. Each element satisfies either an application requirement or X12 standard syntax. If one element in a segment is passed, all elements in the segment need to be passed in accordance with the IC requirement designator (DoD REQ).

Two Categories of Record Information

Each record contains two categories of information: IC application information and ASC X12 information.

• IC application information describes attributes about the application requirement.

• ASC X12 information is extracted directly from the X12 standard dictionary and enables programmers to map the IC element into the standards.

Matrix Layout

The IC element matrix lists information in ten columns.

- IC Data Element Name (DATA NAME) is a label for each data element using terminology common to the business environment. The IC element matrix identifies an element as a "Route Order Number Qualifier." This is more concise than using the generic X12 label of "Reference Number Qualifier." A segment header record identifies the segment ID in this column.

- IC Element Number (INDEX) enables analysts and programmers to quickly cite a record in the matrix.

- IC Data Group Number (DATA GRP) is a number assigned by the IC developers. That number identifies an IC element with a group of elements that form a relation (database table) within the application data model. In order to quickly reference a relation, Defense transportation developers label them with a Data Group number. For example, a "Bill To Address" may belong to the "PURCHASE ORDER" relation (DATA GRP = 10). A "Stop-off Delivery Address" may belong to the "ITEM DELIVERY" relation (DATA GRP = 60).

- X12 Transaction Set Table Number (TBL). 1= Header Table, 2= Detail Table, 3= Summary Table.

- X12 Segment Position (POS). The position of the segment in the transaction set table.

- X12 Segment Reference Designator (REF DES). The segment ID and position of the element within the segment. This column is blank for all segment header records.

- X12 Simple or Composite Data Element Number (DE#). The X12 data element that occurs at the REF DES of the segment. This column is blank for all segment header records.

- IC Requirement Designator (DoD REQ). In a segment header record, this column indicates the usage of the segment. In an element record, this column indicates the usage of the element within the segment, if the segment is used.

- IC Element Code List (VALUE). This column lists both X12 standard codes and application-unique codes. If the list is large, it appears in the Section 6.0 - IC Code Lists.

  > IC Element Notes (DoD CONVENTION NOTES) can contain information about various segment and element attributes. Element attributes may differ from those in the X12 standard. For example, if trading partners expect to exchange a purchase order number that has a specific length and structure, those attributes are decribed here. Further, if a DoD REQ is conditional, the condition is usually described here

Sort Order of the Matrix

The IC element matrix is presented in an order that enables programmers to generate application-to-translator interface files (also known as user defined files or UDFs) that are syntactically correct in accordance with ASC X12 standards

APPLICATION NOTES

DoD derived the IC element matrices from the following sources: examination of DoD transportation invoice information data requirements, ASC X12 Transaction Set 210 Motor Carrier Invoice (Version

003050), comments submitted by Defense activities and commercial carriers involved in the DoD's EDI program in transportation

210.A.003050 MOTOR CARRIER FREIGHT INVOICE DATA NAME	INDEX	GRP	DATA TBL	POS	DES	REF DE #	REQ	DoD VALUE	DoD CONVENTION NOTES
ST SEGMENT	**[001]**	10	1	10			M		
Transaction Set ID	**[002]**	10	1	10	ST01	143	M	210	- X12.104 Motor Carrier Freight Details and Invoice
Transaction Set Control Number	**[003]**	10	1	10	ST02	329	M		The application and structure of the control number must be agreed upon between DoD and its trading partners. The first five digits indicate the interchange control number. The last four digits represent the sequence of the transaction within the functional group.
B3 SEGMENT	**[004]**	10	1	20			M		
Invoice Number	**[005]**	10	1	20	B302	76	M		Transportation service provider's unique invoice number.
GBL Number	**[006]**	10	1	20	B303	145	M		U.S. Government unique number representing a contract for transportation services. The number is made up of one or two alpha characters followed by six or seven numbers. Do not use any punctuation or special characters.
Transportation Method of Payment	**[007]**	10	1	20	B304	146	M	CC PP	- Collect - Prepaid (by Seller)
Invoice Date	**[008]**	10	1	20	B306	373	M		Date the invoice is issued in YYMMDD format.
Total Charges	**[009]**	10	1	20	B307	193	M		Total transportation charges including linehaul, accessorial, miscellaneous, and surcharges. Implied decimal at second position from right.

Correction Indicator	[010]	10	1	20	B308	202	C	AD - Supplemental CA - Cancel If the invoice is submitted for the first time (original invoice), this data field is not used.
Delivery Date	[011]	10	1	20	B309	32	C	Date shipment is delivered to consignee. Not required for submission of supplemental invoices. Use format YYMMDD. Qualify in B310.
Delivery Date Qualifier	[012]	10	1	20	B310	374	C	035 - Delivered
Billing Carrier SCAC	[013]	10	1	20	B311	140	M	Use the SCAC of the carrier that issues the invoice. DoD recommends attributes: Min/Max = 2/4.
B2A SEGMENT	[014]	10	1	25			M	Mandatory ANSI 3050 segment not used by DoD.
Transaction Type Code	[015]	10	1	25	B2A01	353	M	ZZ - Mutually Defined Mandatory ANSI 3050 element not used by DoD.
ITD SEGMENT	[016]	10	1	50			C	
Discount Percent	[017]	10	1	50	ITD03	338	C	Discount terms, expressed as a percent, available to the purchaser if an invoice is paid on or before the number of discount days has expired. Decimal point is optional for integer values but required for decimal values. Express accuracy to hundreths of a percent (i.e. 1.5 percent is expressed as 1.50). Value must be less than 10 percent.
Discount Days	[018]	10	1	50	ITD05	351	C	The number of days in the terms discount period by which payment is due if terms discount is earned. DoD recommends attributes: Min/Max = 1/2.
N9 SEGMENT	[019]	10	1	60			M	
Carrier Reference Number Qualifier	[020]	10	1	60	N901	128	M	CN - Carrier Reference Number (PRO/Invoice)

210.A.003050 MOTOR CARRIER FREIGHT INVOICE DATA NAME	INDEX	GRP	DATA TBL	POS	DES	REF DE #	REQ	DoD VALUE	DoD CONVENTION NOTES
Carrier Reference Number	**[021]**	10	1	60	N902	127	M		
									Data field available for carriers to express reference number other than invoice number. Qualify in N901. DoD recommends attributes: Min/Max = 1/14.
N9 SEGMENT	**[022]**	10	1	60			M		
Payee Code Qualifier	**[023]**	10	1	60	N901	128	M	PQ	- Payee Identification
Payee Code	**[024]**	10	1	60	N902	127	M		
									Identification assigned by DoD payment center. Qualify in N901. DoD recommends attributes: Min/Max = 4/4.
Payee Zip Code	**[025]**	10	1	60	N903	369	M		
									Zip code of location that payee authorizes payment to be sent. Must match payee information on file at payment center. DoD recommends attributes: Min/Max = 5/9.
N9 SEGMENT	**[026]**	10	1	60			M		
									CHANGE NOTE: Segment added per DM 220. Requester:
Transaction Type Code Qualifier	**[027]**	10	1	60	N901	128	M	AR	- Arrival Code
									Use to qualify the type (EDI or paper) of the original transaction.
Transaction Type Code	**[028]**	10	1	60	N902	127	M	E P	- EDI Transaction - Paper Transaction
G62 SEGMENT	**[029]**	10	1	70			C		
Carrier Pickup Date Qualifier	**[030]**	10	1	70	G6201	432	C	86	- Actual Pickup Date

Carrier Pickup Date	**[031]**	10	1	70	G6202	373	C	

Date carrier picked up shipment. Not required for submission of supplemental invoices. Use format YYMMDD. Qualify in G6201.

Carrier Pickup Time Qualifier	**[032]**	10	1	70	G6203	176	C	8 - Actual Pickup Time

DoD recommends attributes: Min/Max = 1/1.

Carrier Pickup Time	**[033]**	10	1	70	G6204	337	C	

Time carrier picked up shipment. Use format HHMM. Qualify in G6203.

<u>Century</u>	**[034]**	<u>10</u>	1	70	G6206	624	C	

K1 SEGMENT	**[035]**	10	1	100			C	
Damage Indicator	**[036]**	10	1	100	K101	61	M	

Use code value "D" to indicate damage and/or shortage apparent upon delivery.

K1 SEGMENT	**[037]**	10	1	100			C	
Waiver Indicator	**[038]**	10	1	100	K101	61	M	

Use code value "W" to certify that a waiver has been received.

N1 SEGMENT	**[040]**	78	1	110			C	
Issuing Office Qualifier	**[041]**	78	1	110	N101	98	M	IU - Issuer
Issuing Office GBLOC Qualifier	**[042]**	78	1	110	N103	66	M	27 - Government Bill Of Lading Office Code (GBLOC)
Issuing Office GBLOC	**[043]**	78	1	110	N104	67	M	

Code of Government office that issues GBL. Qualify in N103. DoD recommends attributes: Min/Max = 4/4.

N1 SEGMENT	**[044]**	73	1	110			C	
Consignee Qualifier	**[045]**	73	1	110	N101	98	M	CN - Consignee
Consignee GBLOC Qualifier	**[046]**	73	1	110	N103	66	M	27 - Government Bill of Lading Office Code (GBLOC)

210.A.003050 MOTOR CARRIER FREIGHT INVOICE DATA NAME	INDEX	GRP	DATA TBL	POS	DES	REF DE #	REQ	DoD VALUE	DoD CONVENTION NOTES
Consignee GBLOC	[047]	73	1	110	N104	67	M		
									Code of Government office responsible for shipment at destination. Qualify in N103. Not required for GBL freight shipments. DoD recommends attributes: Min/Max = 4/4.
N1 SEGMENT	[048]	70	1	110			M		
Tendered To Carrier Qualifier	[049]	70	1	110	N101	98	M	OC	- Origin Carrier
Tendered To Carrier SCAC Qualifier	[050]	70	1	110	N103	66	M	2	- Standard Carrier Alpha Code (SCAC)
Tendered To Carrier SCAC	[051]	70	1	110	N104	67	M		
									Use SCAC of tendered to transportation carrier. Qualify in N103. DoD recommends attributes: Min/Max = 2/4.
N1 SEGMENT	[052]	71	1	110			C		
Destination Transportation Company Qualifier	[053]	71	1	110	N101	98	M	DC	- Destination Carrier
Destination Transportation Company SCAC Qualifier	[054]	71	1	110	N103	66	M	2	- Standard Carrier Alpha Code (SCAC)
Destination Transportation Company SCAC	[055]	71	1	110	N104	67	M		
									Use SCAC of transportation carrier making the delivery. Qualify in N103. Required for GBL freight shipments only. DoD recommends attributes: Min/Max = 2/4.
N1 SEGMENT	[056]	76	1	110			C		
Diversion/Reconsignment From Qualifier	[057]	76	1	110	N101	98	M	T4	- Transfer Point
Diversion/Reconsignment From SPLC Qualifier	[058]	76	1	110	N103	66	M	20	- Standard Point Location Code (SPLC)

Diversion/Reconsignment From SPLC	[059]	76	1	110	N104	67	M	
								SPLC of location where diversion occurs. Qualify in N103. Required for GBL freight shipments only. DoD recommends attributes: Min/Max = 9/9.
N1 SEGMENT	[060]	79	1	110			C	
Alternate Terminal Qualifier	[061]	79	1	110	N101	98	M	TR - Terminal
Alternate Port or Terminal Code	[062]	79	1	110	N102	93	M	
								Use the authorized code, identified in the international personal property rate solicitation, of the alternate Military Ocean/Aerial Terminal (MOT/MAT) used for code T and 5 shipments when rate solicitation item 528 applies. Use the authorized code, identified in the international personal property rate solicitation, of the alternate Aerial Port of Embarkation or Debarkation (APOE or APOD) used for code J shipments when rate solicitation 529 applies. Not required for GBL freight shipments.
N1 SEGMENT	[063]	79	1	110			C	
Air/Ocean Carrier Name Qualifier	[064]	79	1	110	N101	98	M	CA - Carrier
Air/Ocean Carrier Name	[065]	79	1	110	N102	93	M	
								Use to certify use of air/ocean carrier for international shipments. Qualify in N101.
N2 SEGMENT	[066]	79	1	120			C	
Vessel Name	[067]	79	1	120	N201	93	M	
								Ocean carrier's vessel name.
N9 SEGMENT	[068]	79	1	150			C	
Air/Ocean Bill Number Qualifier	[069]	79	1	150	N901	128	M	AW - Air Bill of Lading OB - Ocean Bill of Lading
Air/Ocean Bill Number	[070]	79	1	150	N902	127	M	
								Air or ocean bill of lading number. Qualify in N901.
N9 SEGMENT	[071]	79	1	150			C	

210.A.003050 MOTOR CARRIER FREIGHT INVOICE DATA NAME	INDEX	DATA GRP	TBL	POS	DES	REF DE #	REQ	DoD VALUE	DoD CONVENTION NOTES
Waiver Control Number Qualifier	[072]	79	1	150	N901	128	M	XC	- Cargo Control Number
Waiver Control Number	[073]	79	1	150	N902	127	M		
									Use to certify U.S. Flag waiver issued. Qualify in N901.
Authorized Representative Name	[074]	79	1	150	N903	369	C		
									Use to certify U.S. Flag waiver issued. Qualify in N901. DoD recommends attributes: Min/Max = 1/35.
LX SEGMENT	[075]	100	2	120			M		
Service Charge Loop Identifier	[076]	100	2	120	LX01	554	M		
									Assign a sequential number less than 1000 for each charge type including line haul, accessorial, miscellaneous, and authorized surcharges except as follows: assign number 301 for personal property accessorial services charges performed at origin or in transit, and assign number 302 for personal property accessorial services charges performed at destination. Use one LX loop for each charge expressed in L108.
N9 SEGMENT	[077]	100	2	130			C		
Extra Pickup/Delivery Location Qualifier	[078]	100	2	130	N901	128	M	LU	- Location Number
Extra Pickup/Delivery State Code	[079]	100	2	130	N902	127	M		
									Use state code (FIPS-PUB-5-1) of location of extra pickup/delivery where additional service occurred. Use only for personal property shipments with DoD accessorial item codes of 101 or any item that uses rates for item 101, 112, or any item that uses rates for item 502. Qualify in N901. DoD recommends attributes: Min/Max = 1/8.
L0 SEGMENT	[080]	100	2	170			C		

Number of Units Performed	[081]	100	2	170	L002	220	C	

Number of units of accessorial service performed by the carrier foa a specific additional service charge. Qualify in L003. Required for personal property GBL shipments only. DoD recommends attributes: Min/Max = 1/6.

Number of Units Performed Qualifier	[082]	100	2	170	L003	221	C	

See Section 6.0 or billing instructions from DoD Payment Center for ASC X12 code list.

Weight	[083]	100	2	170	L004	81	C	

Weight of the personal property if L112 is 112A, 112B, 112C, 130D, 145B, 152D, 518A, 518C, or 534A. Qualify in L005. Not required for GBL freight shipments. DoD recommends attributes: Min/Max = 1/8.

Weight Qualifier	[084]	100	2	170	L005	187	C	B - Billed Weight
Weight Unit Qualifier	[085]	100	2	170	L011	188	C	L - Pounds

L1 SEGMENT	[086]	100	2	180			M	

Service Charge	[087]	100	2	180	L104	58	M	

Charge for each service identified in L108. Implied decimal at second postion from right. DoD recommends attributes: Min/Max = 2/8.

Service Charge Code	[088]	100	2	180	L108	150	M	

Services regulated by the Military Traffic Management Command (MTMC). See Billing Instructions available from DoD payment center for more information. See Section 6.0 for cross reference from DoD codes to ASC X12 codes.

Service Charge Description	[089]	100	2	180	L112	276	M	

Use a free-form description of any third party or miscellaneous service code identified in L108. In addition, use DoD code that further describes a personal property service. See Section 6.0 for application.

L7 SEGMENT	[090]	100	2	200			C	

210.A.003050 MOTOR CARRIER FREIGHT INVOICE DATA NAME	INDEX	DATA GRP	TBL	POS	DES	REF DE #	REQ	DoD VALUE	DoD CONVENTION NOTES
Tariff/Tender Miles	**[091]**	100	2	200	L713	294	C		
									Mileage used in calculating mileage-related charges. Qualify in L714.
Tariff/Tender Miles Qualifier	**[092]**	100	2	200	L714	295	C	T	- Tariff Miles
SE SEGMENT	**[093]**	900	3	20			M		
Included Number of Segments	**[094]**	900	3	20	SE01	96	M		
									Total segments in this transaction set including the ST and SE segments. DoD recommends attributes: Min/Max = 1/6.
Transaction Set Control Number	**[095]**	900	3	20	SE02	329	M		
									This data element ends the transaction set and should match the number that appears in the ST02 at the beginning of the transaction set.

Section 5.0

IC ELEMENTS IN EDI FORMAT

Overview

This appendix contains an example of a Department of Defense Motor Carrier Invoice as it appears in ASC X12 Transaction Set 210 Motor Carrier Invoice format.

The example illustrates the use of this transaction set to transmit invoice information to the Defense Finance and Accounting Service - Indianapolis Center (DFAS-IN).

EXAMPLE - INVOICE INFORMATION FROM CARRIER TO DFAS-IN USING ASC X12 210

ST~210~00001 n/l	**Transaction set header**
B3~~7846-112~B1562824~PP~~910623~83490~	
~910623~035~PIEC n/l	**Beginning segment**
ITD~~~5~~15 n/l	**Discount terms**
N9~CN~257684 n/l	**Carrier reference number**
N9~PQ~1633~45421 n/l	**Payee code**
G62~86~910622~8~1230 n/l	**Pickup date and time**
K1~D n/l	**Damage indicator**
N1~OC~~2~PIEC n/l	**Transportation company tendered to SCAC**
N1~IU~~27~LNFL n/l	**Issuing Office GBLOC**
N1~DC~~2~PIEC n/l	**Destination transportation company**
LX~1 n/l	**Charge loop ID**
L1~~~~60000~~~~LHS n/l	**Transportation linehaul charge**
L7~~~~~~~~~~~~~~567~T n/l	**Tender miles**
LX~2 n/l	**Charge loop ID**
L1~~~~21690~~~~EXP n/l	**Accessorial services charge**
LX~3 n/l	**Charge loop ID**
L1~~~~1800~~~~405 n/l	**Fuel surcharge**
L3~10000~B n/l	**Billed weight**
SE~19~00001 n/l	**Transaction set trailer**

Section 6.0

IC CODE LISTS

This section contains code lists that are maintained by the Department of Defense for formatting invoice data to the ASC X12 Transaction Set 210. Please note that DoD code definitions may differ slightly from those presented in the ASC X12 Standards publications.

[051] Service Charge Code

Mapping: 2   180 L108 150

Accessorial Services for Freight Motor Shipments

DoD Code	X12 Code	DoD Definition	L112 Value	Effective Date	Cancellation Date
AC	045	Advancing Charges			
OD	520	Overdimension Permit			
ST	675	Signature Tally			
CB	CHN	Chains and Binders			
CS	CIS	Constant Surveillance			
DN	DDN	Dual Driver with National Agency Check			
DD	DDP	Dual Driver			
DP	DEP	Detention With Power Unit			
DW	DET	Detention Without Power Unit			
EU	EED	Exclusive Use			
EL	ELS	Extra Lights			
EM	EMT	Empty Movement			
ER	ERS	Empty Return			
SO	EXM	Stop-off In Transit (Excess Mileage Charge)			
EX	EXP	Expedited Service			
HF	HHB	Handling Freight			
PD	HOL	Sunday/Holiday			
IM	IMP	Impactographs			
EF	MEN	Escort (Overnight Subsistance)			
EF	MES	Escort (Standard)			
EF	MET	Escort (Telephones)			
MS	MMS	Motor Surveillance(12-hour Calls)			3/1/94
MS	MNS	Motor Surveillance(12-hour Calls)		3/1/94	
MS	MVS	Special Motor Surveillance Charge			
OW	PER	Overweight Permit	(2 char state code)		
PR	PRL	Prelodging			
PS	PSS	Protective Security(Without Armed Drivers)			
PT	PTS	Protective Tarping			
PD	PUD	Pickup/Delivery			
RC	RCC	Reconsignment/Diversion			
RD	RCL	Redelivery			
RV	RLS	Relocation of Vehicle			
RU	RSS	Restricted Speeds		3/1/94	

DoD Code	X12 Code	DoD Definition	L112 Value	Effective Date	Cancellation Date
PD	SAT	Saturday Pickup			
SE	SEV	Security Escort Service			
SM	SMS	Satellite Motor Surveillance			3/1/94
SM	SNS	Satellite Motor Surveillance		3/1/94	
SO	SOC	Stop-Off			
SP	SPU	Split Pickup/Delivery			
SR	SRS	Surveying Routes			
RU	SRT	Restricted Speeds			3/1/94
SG	SRG	Storage			
LU	URC	Loading/Unloading			
VF	VFN	Vehicle Furnished But Not Used			
VI	VIS	Vehicles Inoperable			
VT	VTS	Vehicles In Truckaway			
WV	WTV	Weight Verification			

Accessorial Services For Freight Bulk Fuel Shipments

DoD Code	X12 Code	DoD Definition
AC	045	Advancing Charges
LS	ADL	Advance Loading Charge
CL	CLN	Cleaning
DP	DEP	Detention With Power Unit
DW	DET	Detention Without Power Unit
EH	EDD	Equipment Hose At Destination Charge
EH	EDO	Equipment Hose At Origin Charge
SO	EXM	Stop-off In Transit (Excess Mileage Charge)
EX	EXP	Expedited Service
PD	HOL	Sunday/Holiday
EH	HOS	Equipment Hose (Over 36')
EH	HOX	Equipment Hose (Special Type)
PE	PAJ	Pumping Equipment
PD	PUD	Pickup/Delivery
RC	RCC	Reconsignment/Diversion
RD	RCL	Redelivery
PD	SAT	Saturday Pickup
SO	SOC	Stop-off
SP	SPU	Split Pickup/Delivery
SG	SRG	Storage
VF	VFN	Vehicle Furnished But Not Used
WD	WDS*	Waterfront Delivery Charge

Accessorial Services For Pipeline Shipments

DoD Code	X12 Code	DoD Definition	L112 Value	Effective Date	Cancellation Date
AJ	AIB*	Additional Injection/Blending Service			
DE	DEL	Delivery Service			
FL	FLT*	Filtration Service			7/31/94
FL	FTR	Filtration Service		7/31/94	

Third Party or Miscellaneous Services

DoD Code	X12 Code	DoD Definition	L112 Value
	TPS	Third Party/Miscellaneous Service	Description

Linehaul Services

DoD Code	X12 Code	DoD Definition
	LHS	Linehaul Service

Surcharges

DoD Code	X12 Code	DoD Definition
	100	Air
	405	Fuel

Accessorial Services for Personal Property Shipment

(Domestic)

See DoD EDI Convention for Transaction Set 859, Generic Freight Invoice.

Accessorial Services for Personal Property Shipments

(International)

See DoD EDI Convention for Transaction Set 859, Generic Freight Invoice.

Accessorial Services for Freight Air Shipments

See DoD EDI Convention for Transaction Set 110, Air Freight Invoice.

Accessorial Services for Freight Rail Shipments

See DoD EDI Convention for Transaction Set 410, Rail Carrier Invoice.